bio-protocol Preprint

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Label-free quantitative proteomic analysis of enriched phosphopeptides from dark- and light-adapted bovine retinas

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An abbreviated version of this protocol was published in eLIFE in Apr 2020

Post-translational regulation of retinal IMPDH1 in vivo to adjust GTP synthesis to illumination conditions

DOI: 10.7554/eLife.56418

Detailed protocol

The phosphoproteomic analysis of the dark/light-adapted bovine retina, a comprehensive study from the lab that represents years of work, will be published independently (manuscript in preparation). Procedure details were provided in the current publication as to interpret the presented phosphoregulation of IMPDH1 in dark/light conditions. A more detailed description of the whole procedure will be provided accompanying the comprehensive databases in an independent publication.

How to cite:（Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used）

1. Méndez, A. (2021). Label-free quantitative proteomic analysis of enriched phosphopeptides from dark- and light-adapted bovine retinas. Bio-protocol Preprint. bio-protocol.org/prep1143.
2. Plana-Bonamaisó, A., López-Begines, S., Fernández-Justel, D., Junza, A., Soler-Tapia, A., Andilla, J., Loza-Alvarez, P., Rosa, J. L., Miralles, E., Casals, I., Yanes, O., de la Villa, P., Buey, R. M. and Méndez, A.(2020). Post-translational regulation of retinal IMPDH1 in vivo to adjust GTP synthesis to illumination conditions. eLIFE. DOI: 10.7554/eLife.56418

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